

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("20040229022") or ("20030133401")),PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 12:36
S1	1	10/594532	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 11:20
S2	91	((MASAKAZU) near2 (OGASAWARA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 14:52
S3	4050	(PIONEER near CORPORATION).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 14:52
S4	4080	S2 or S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 14:52
S5	109	((holoS with record\$4) same (reflect\$4 near layer)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 14:53
S6	9	S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 14:54
S8	1526	(359/3,10,22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 16:40
S10	756	(359/30-32).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 16:41
S11	4140	(369/283,284,275.1,102,103,125).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 16:41
S12	954	S11 and holoS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:41
S13	2931	S8 S10 S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:42
S14	98694	reflect\$4 near layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:42

S15	22	(self?reference\$4 or selfreference\$4) with hole\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:49
S16	9671752	hole or aperture or breach or cavity or eyelet or perforat\$4 or outlet or confocal or pin?hole or pinhole or space or void or window	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:51
S17	8948	S14 with S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:52
S18	52	S13 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:52
S19	74	S18 or S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:52
S20	74	(US-20010030934-\$ or US-20020097658-\$ or US-20020135832-\$ or US-20040009406-\$ or US-20040095626-\$ or US-20040156297-\$ or US-20050018583-\$ or US-20050141067-\$ or US-20050226120-\$ or US-20050276211-\$ or US-20060028970-\$ or US-20060028969-\$ or US-20060077853-\$ or US-20070195329-\$ or US-20080049278-\$ or US-20080094999-\$ or US-20080100890-\$ or US-20080123506-\$ or US-20080252953-\$ or US-20080273444-\$ or US-20080291807-\$ or US-20090046559-\$ or US-20090073852-\$ or US-20090073851-\$ or US-20090080042-\$ or US-20090153929-\$).did. or (US-20090153927-\$ or US-20090168629-\$ or US-20090175149-\$ or US-20090174920-\$ or US-20090185247-\$).did. or (US-4889398-\$ or US-4980881-\$ or US-5048007-\$ or US-5048006-\$ or US-5145756-\$ or US-5148323-\$ or US-5384455-\$ or US-5789053-\$ or US-6226109-\$ or US-6310850-\$ or US-6322933-\$ or US-6322931-\$ or US-6512606-\$ or US-6538776-\$ or US-6760298-\$ or US-6762865-\$ or US-6809307-\$ or US-7014815-\$ or US-7027161-\$ or US-7110345-\$ or US-7129006-\$ or US-7133331-\$ or US-7154646-\$ or US-7170661-\$ or US-7177262-\$ or US-7239594-\$).did. or (US-7336595-\$ or US-7349324-\$ or US-7382465-\$ or US-7411873-\$ or US-7457207-\$ or US-7505389-\$ or US-7505138-\$ or US-7518973-\$ or US-7545723-\$).did. or (JP-2002319285-\$ or JP-2004253121-\$ or JP-2004265572-\$).did. or (US-4889398-\$ or US-20020135832-\$ or US-6762865-\$ or US-20040156297-\$ or US-20070195329-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/08/18 16:59

S21	63	S16 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:59
S22	0	BlindZoneMirror	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 17:06
S23	41	Platzer.inv. and mirror	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 17:08
S24	30	Platzer.inv. and (mirror) and (vehicle car truck)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 17:09
S25	11	Platzer.inv. and (mirror) and (vehicle car truck)	USPAT	OR	ON	2009/08/18 17:10
S26	2806	(428/304.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 17:19
S27	23	S26 and holo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 17:19
S28	19	S16 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 17:19
S29	1	(US-5148323-\$.)did.	USPAT	OR	ON	2009/08/18 17:30
S30	14	("3608992"   "3630593"   "3838903").PN. OR ("5148323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 17:31
S31	9	S30 and holo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 17:31
S36	22	(self?reference\$4 or selfreference\$4) with holo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:14
S37	9671752	hole or aperture or breach or cavity or eyelet or perforat\$4 or outlet or confocal or pin?hole or pinhole or space or void or window	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:14
S38	98694	reflect\$4 near layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:14

S39	8948	S38 with S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:18
S40	599	S39 and holo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:18
S41	581	hologr\$ and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:23
S42	19	(US-20030071935-\$ or US-20030090607-\$ or US-20030103177-\$ or US-20040027516-\$ or US-20040179253-\$ or US-20040229022-\$ or US-20050036436-\$ or US-20050179977-\$ or US-20060077853-\$ or US-20060164729-\$ or US-20080100890-\$ or US-20090022017-\$).did. or (US-5148323-\$ or US-5260826-\$ or US-3630593-\$ or US-5145212-\$ or US-6638593-\$). did. or (US-2148422-\$).did. or (US-6778581-\$). did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/08/28 09:34
S43	9687685	hole or aperture or breach or cavity or eyelet or perforat\$4 or outlet or confocal or pin?hole or pinhole or space or void or window	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:37
S44	98924	reflect\$4 near layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:37
S45	16	S42 and S43 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:37
S46	16	S42 and (S43 same S44)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:40
S47	16	holo\$ and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:48
S48	2	("20040233831").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 10:46

S49	0	S48 and (S43 same S44)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 10:56
S50	1	S48 and S43 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 10:56
S51	183415	"47" and interference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 11:03
S52	19	(US-20030071935-\$ or US-20030090607-\$ or US-20030103177-\$ or US-20040027516-\$ or US-20040179253-\$ or US-20040229022-\$ or US-20050036436-\$ or US-20050179977-\$ or US-20060077853-\$ or US-20060164729-\$ or US-20080100890-\$ or US-20090022017-\$).did. or (US-5148323-\$ or US-5260826-\$ or US-3630593-\$ or US-5145212-\$ or US-6638593-\$).did. or (US-2148422-\$).did. or (US-6778581-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/08/28 11:04
S53	9687685	hole or aperture or breach or cavity or eyelet or perforat\$4 or outlet or confocal or pin\$hole or pinhole or space or void or window	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 11:04
S54	98924	reflect\$4 near layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 11:04
S55	16	S52 and (S53 same S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 11:04
S56	16	holo\$ and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 11:04
S57	9	S56 and interference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 11:04
S58	19	holo\$ same CD same track same spiral	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 12:03

S59	21	holo5 same CD same track same parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 12:07
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## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S32	37	((MASAKAZU) near2 (OGASAWARA)).INV.	USPAT; UPAD	OR	ON	2009/08/18 15:02
S33	1766	(PIONEER near CORPORATION).as.	USPAT; UPAD	OR	ON	2009/08/18 15:02
S34	39	((holo5 with record54) same (reflect54 near layer)).clm.	USPAT; UPAD	OR	ON	2009/08/18 15:02
S35	2	(S32 or S33) and S34	USPAT; UPAD	OR	ON	2009/08/18 16:31

8/28/2009 12:36:53 PM

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